

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber cu ft/ac	
AgC: Allegheny-----	9A	Slight	Slight	Slight	Slight	Severe	American elm----- Virginia pine----- black oak----- northern red oak---- pignut hickory----- red maple----- shortleaf pine----- sugar maple----- white ash----- yellow poplar-----	--- 72 78 --- --- --- 80 --- --- 93	--- 114.00 57.00 --- --- --- 129.00 --- --- 100.00	black walnut, eastern white pine, northern red oak, shortleaf pine, white ash, white oak, yellow poplar
AsA: Ashton-----	7A	Slight	Slight	Slight	Slight	Moderate	American elm----- American sycamore--- Shumard's oak----- cherrybark oak----- common hackberry--- hickory----- pin oak----- red maple----- sweetgum----- white ash-----	--- --- 93 --- --- --- 94 --- 87 ---	--- --- 57.00 --- --- --- 57.00 --- 100.00 ---	black walnut, cherrybark oak, eastern cottonwood, eastern white pine, sweetgum, white ash, yellow poplar
Melvin-----	---	---	---	---	---	---	---	---	---	---
BeC: Beech-----	4A	Slight	Slight	Slight	Slight	Severe	northern red oak---- shortleaf pine----- yellow poplar-----	80 80 95	57.00 129.00 100.00	black walnut, eastern white pine, yellow poplar
BeD: Beech-----	5R	Moderate	Moderate	Slight	Slight	Severe	northern red oak---- shortleaf pine----- yellow poplar-----	85 85 102	72.00 143.00 114.00	black walnut, eastern white pine, yellow poplar
BeE: Beech-----	5R	Moderate	Moderate	Slight	Slight	Severe	northern red oak---- shortleaf pine----- yellow poplar-----	85 85 102	72.00 143.00 114.00	black walnut, eastern white pine, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

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Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber cu ft/ac	
DrD: Dormont-----	4R	Moderate	Moderate	Slight	Slight	---	northern red oak---- sugar maple----- white ash----- yellow poplar-----	80 80 80 80	57.00 57.00 57.00 72.00	European larch, Norway spruce, eastern white pine, white spruce, yellow poplar
Latham-----	4R	Moderate	Severe	Severe	Severe	Moderate	Virginia pine----- black oak----- northern red oak---- shortleaf pine----- white oak-----	--- --- 68 --- ---	--- --- 57.00 --- ---	Virginia pine, eastern white pine, northern red oak, white ash, white oak
Other Soils-----	---	---	---	---	---	---	---	---	---	---
DrE: Dormont-----	4R	Moderate	Moderate	Slight	Slight	---	northern red oak---- sugar maple----- white ash----- yellow poplar-----	80 80 80 80	57.00 57.00 57.00 72.00	European larch, Norway spruce, eastern white pine, white spruce, yellow poplar
Other Soils-----	---	---	---	---	---	---	---	---	---	---
Latham-----	4R	Moderate	Severe	Severe	Severe	Moderate	Virginia pine----- black oak----- northern red oak---- shortleaf pine----- white oak-----	--- --- 68 --- ---	--- --- 57.00 --- ---	Virginia pine, eastern white pine, northern red oak, white ash, white oak
FvF: Fiveblock-----	4R	Severe	Severe	Severe	Slight	Moderate	American sycamore--- black locust----- eastern white pine-- northern red oak---- yellow poplar-----	90 --- 94 80 105	--- --- 172.00 57.00 114.00	Virginia pine, black locust, eastern white pine, red maple, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

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Table E2.--Forestland Management and Productivity--Continued

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Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
KaA: Kanawha-----	4A	Slight	Slight	Slight	Slight	Severe	black locust----- black oak----- black walnut----- blackjack oak----- northern red oak---- white ash----- yellow poplar-----	--- 80 --- 80 80 80 90	--- 57.00 --- 57.00 57.00 57.00 86.00	Norway spruce, black locust, black walnut, eastern white pine
KaB: Kanawha-----	4A	Slight	Slight	Slight	Slight	Severe	black locust----- black oak----- black walnut----- blackjack oak----- northern red oak---- white ash----- yellow poplar-----	--- 80 --- 80 80 80 90	--- 57.00 --- 57.00 57.00 57.00 86.00	Norway spruce, black locust, black walnut, eastern white pine
LgC: Latham-----	3C	Slight	Severe	Severe	Severe	Moderate	Virginia pine----- black oak----- northern red oak---- shortleaf pine----- white oak-----	--- --- 63 --- ---	--- --- 43.00 --- ---	Virginia pine, eastern white pine, northern red oak, white ash, white oak
Gilpin-----	4A	Slight	Slight	Slight	Slight	Moderate	northern red oak---- yellow poplar-----	80 95	57.00 100.00	Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar
Other Soils-----	---	---	---	---	---	---	---	---	---	---
LgD: Latham-----	4R	Moderate	Severe	Severe	Severe	Moderate	Virginia pine----- black oak----- northern red oak---- shortleaf pine----- white oak-----	--- --- 68 --- ---	--- --- 57.00 --- ---	Virginia pine, eastern white pine, northern red oak, white ash, white oak

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
Gilpin-----	4R	Moderate	Moderate	Slight	Slight	Moderate	northern red oak---- yellow poplar-----	80 95	57.00 100.00	Japanese larch, Virginia pine, black cherry, eastern white pine, yellow poplar
Other Soils-----	---	---	---	---	---	---	---	---	---	---
Lo: Lobdell-----	5A	Slight	Slight	Slight	Slight	Severe	black cherry----- northern red oak---- sugar maple----- white ash----- white oak----- yellow poplar-----	--- 87 --- --- --- 96	--- 72.00 --- --- --- 100.00	eastern white pine, northern red oak, red pine, white ash, white oak, yellow poplar
Holly-----	---	---	---	---	---	---	---	---	---	---
MaB: Markland-----	4C	Slight	Slight	Severe	Severe	Moderate	northern red oak---- white oak-----	78 75	57.00 57.00	eastern white pine, red pine, white ash, yellow poplar
MaC: Markland-----	4C	Slight	Slight	Severe	Severe	Moderate	northern red oak---- white oak-----	78 75	57.00 57.00	eastern white pine, red pine, white ash, yellow poplar
Me: Melvin-----	7W	Slight	Moderate	Moderate	Severe	Severe	American elm----- cherrybark oak----- common hackberry----- eastern cottonwood-- green ash----- hickory----- pin oak----- red maple----- sweetgum-----	--- 91 --- 101 --- --- 99 --- 89	--- 114.00 --- 129.00 --- --- 100.00 --- 100.00	American sycamore, eastern cottonwood, loblolly pine, pin oak, sweetgum, willow oak

Table E2.--Forestland Management and Productivity--Continued

Map symbol and soil name	Ordi- nation symbol	Management concerns					Potential productivity			Trees to manage
		Erosion hazard	Equip- ment limita- tion	Seedling mortal- ity	Wind- throw hazard	Plant competi- tion	Common trees	Site index	Volume of wood fiber	
									cu ft/ac	
NeD: Nelse-----	9R	Moderate	Moderate	Moderate	Slight	Severe	American sycamore--- black willow----- boxelder----- green ash----- river birch----- silver maple----- sweetgum-----	--- --- --- --- --- --- 98	--- --- --- --- --- --- 129.00	American sycamore, green ash, sweetgum
PbE: Pineville-----	5R	Moderate	Moderate	Moderate	Slight	Moderate	basswood----- black oak----- hickory----- northern red oak--- yellow poplar-----	--- 85 --- 86 108	--- 57.00 --- 72.00 114.00	black walnut, eastern white pine, northern red oak, yellow poplar
Other Soils-----	---	---	---	---	---	---	---	---	---	---
Buchanan-----	4X	Moderate	Moderate	Slight	Slight	Severe	northern red oak--- yellow poplar-----	80 90	57.00 86.00	European larch, eastern white pine, northern red oak, sugar maple, yellow poplar
Ud: Udorthents-----	---	---	---	---	---	---	---	---	---	---
UsB: Urban Land-----	---	---	---	---	---	---	---	---	---	---
Ashton-----	7A	Slight	Slight	Slight	Slight	Moderate	American elm----- American sycamore--- Shumard's oak----- cherrybark oak----- common hackberry--- hickory----- pin oak----- red maple----- sweetgum----- white ash-----	--- --- 93 --- --- --- 94 --- 87 ---	--- --- 57.00 --- --- --- 57.00 --- 100.00 ---	black walnut, cherrybark oak, eastern cottonwood, eastern white pine, sweetgum, white ash, yellow poplar

Table E2.--Forestland Management and Productivity--Continued

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